

To get a listing of which users are logged in and the database they have opened:

```
psql template1
```

```
SELECT * FROM pg_stat_activity;
```

---

To determine the size of a database:

- 1) cd to the directory containing the databases
    - at AWIPS sites this is /data/db
    - accessible by user = postgres only
  - 2) determine which partition the database resides in
  - 3) cd into that partition
  - 4) determine which directory corresponds to the database
    - directory names are of the form "1234567"
    - the query "select oid,\* from pg\_database;" will show the database name and the corresponding directory name
  - 5) "du -sk" on the directory to get the size in Kbytes
    - or "du -sh" to get size in Mbytes
- 

To determine the number of records in each public table in a database:

In Informix, this information is available in the systables table. In PostgreSQL, this information is not available in a system table because keeping accurate numbers is difficult due to the use of MVCC. The only accurate way to get this information is to do a "select count(\*) from table\_name;".

---

To determine which views are used by a table

If the user drops a table, all views which use columns from the table are also dropped. The following SQL will show which views are used by a table:

```
psql -U pguser hd_ob7xxx
```

```
select view_name from information_schema.view_table_usage  
where table_name='table_name';
```

The SQL above uses a set of views known as the “information schema”. These views contain system information similar to Informix’s system tables. See Chapter 32 of the postgres documentation for more information.